

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: To Be Assigned

Examiner: To Be Assigned

In Re PATENT APPLICATION OF:

Applicants : Masaru TAKAISHI
Serial No. : To Be Assigned
Filed : March 31, 2004
For : SEMICONDUCTOR DEVICE
Attorney Ref. : AI 330

**INFORMATION
DISCLOSURE
STATEMENT**

March 31, 2004

Commissioner for Patents
P. O. Box 1450
Alexandria VA 22313-1450

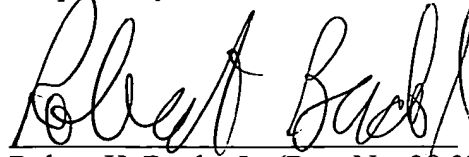
Sir:

This is an information disclosure statement submitted in compliance with the timing requirements of 37 C.F.R. §1.97(b)(1).

Attached are copies of twenty-one Japanese publications. The documents are listed on the attached Forms PTO-1449. Any relevance of 2002-280509, 2002-50729, 2001-196518, 2000-307017, 6-53390 and 6-21276 can be gleaned from their corresponding U.S. patents. These five U.S. patents are also listed on the Forms PTO-1449 for consideration. Any relevance of 04-174547, 62-169450 and 59-207645 can be gleaned from the attached English-language abstracts. Any relevance of 2002-270736, 2000-68430, 11-74439, 11-45964, 10-144853, 10-12788, 7-231065 and 7-22540 can be gleaned from the attached English translations. Any relevance of 10-321768, 8-298302 and 60-160639 can be gleaned from pages 1 and 2 of the present application, where these three documents are discussed. Any relevance of 5-67001 can be gleaned from its drawings.

Since this Information Disclosure Statement is being filed with the application, no certification or fee is required, and the requirements of 37 C.F.R. §§1.97 and 1.98 are deemed to be fully met as to the documents listed. Consideration of the listed documents is respectfully requested.

Respectfully submitted,



Robert H. Berdo, Jr. (Reg. No. 38,075)
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(202) 371-8976
(202) 408-0924 fax

March 31, 2004

Date

RHB:tz

FEE ENCLOSED: \$ 810
Please charge any further
fee to our Deposit Account
No. 18-0002

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				Atty Docket		Application No.	
				AI 330		To Be Assigned	
				Applicant			
				Masaru TAKAISHI			
				Filing Date		Group Unit	
				March 31, 2004		To Be Assigned	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA	2002/0014704	02/07/02	Horie			
	AB	6,650,004	11/18/03	Horie et al.			
	AC	6,479,888	11/12/02	Hirashima et al.			
	AD	5,693,984	12/02/97	Ootsuki			
	AE	5,483,098	01/09/96	Joiner, Jr.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation
	AF	2002-280509	09/27/02	Japan			Corresponds to U.S. 2002/0014704
	AG	2002-50729	02/15/02	Japan			Corresponds to U.S. 2002/0014704
	AH	2001-196518	07/19/01	Japan			Corresponds to U.S. 6,650,004
	AI	2000-307017	11/02/00	Japan			Corresponds to U.S. 6,479,888
	AJ	6-53390	02/25/94	Japan			Corresponds to U.S. 5,693,984
	AK	6-21276	01/28/94	Japan			Corresponds to U.S. 5,483,098
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL						
Examiner					Date Considered		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AM						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation
	AN	04-174547	06/22/92	Japan			Abstract
	AO	62-169450	07/25/87	Japan			Abstract
	AP	59-207645	11/24/84	Japan			Abstract
	AQ	2002-270736	09/20/02	Japan			Translation
	AR	2000-68430	03/03/00	Japan			Translation
	AS	11-74439	03/16/99	Japan			Translation
	AT	11-45964	02/16/99	Japan			Translation
	AU	10-144853	05/29/98	Japan			Translation
	AV	10-12788	01/16/98	Japan			Translation
	AW	7-231065	08/29/95	Japan			Translation
	AX	7-22540	01/24/95	Japan			Translation
	AY	10-321768	12/04/98	Japan			
	AZ	8-298302	11/12/96	Japan			
	BA	5-67001	09/03/93	Japan			
	BB	60-160639	08/22/85	Japan			
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	BC						
	BD						
	BE						
Examiner					Date Considered		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							